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| 71 | 11/30/87 | Pulse Length Measurement System | H. Figueira |
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| 73 | 12/18/87 | Trapping, Thermal Effects, and Wave Breaking in the Nonlinear Plasma Wakefield Accelerator | J.B. Rosenzweig |
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| 75 | 01/22/88 | Two Particles Model in Pill Box Cavity | W. Gai |
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| 77 | 02/17/88 | The Longitudinal Phase Space Measurement System | B. Cole |
| 78 | 02/16/88 | Direct Measurement of Beam-Induced Fields in Accelerating Structures | H. Figueira, W. Gai, R. Konecny, J. Norem et al |
| 79 | 03/15/88 | Experimental Observation of Plasma Wake-Field Acceleration | J.B. Rosenzweig, D. B. Cline, B. Cole, W. Gai, R. Konecny et al |
| 80 | 03/22/88 | Calculations of Wake Fields in a Dielectric Loaded Wake Field Device | W. Gai |
| 81 | 05/31/88 | Short Gas Pulses from the Piezovalue | J. Norem, R. Konecny, et al |
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| 92 | 09/8/88 | Modulation of Continuous Electron Beams in Plasma Wake-Fields | J. Rosenzweig |
| 93 | 09/20/88 | Plasma Wake-Field Amplitudes from Self-Pinched Beams | J. Rosenzweig |
| 94 | 10/11/88 | Final Focus Plasma Lenses in Liner Colliders | J. Rosenzweig |
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| 98 | 12/19/88 | Multi-Fluid Models for Plasma Wake-Field Phenomena | J. Rosenzweig |
| 99 | 01/5/89 | Effective Gradient Enhancement in a Hybrid Wake Field Accelerator | J. Simpson |
| 100 | 01/6/89 | Possible Parameter for the SLAC FFTF beam Monitor (and other issues) | J. Norem |
| 101 | 01/5/89 | Multi-Stage Wake Field Accelerator | W. Gai |
| 102 | 01/30/89 | A Possible High Energy Wake Field System | J. Norem |
| 103 | 02/13/89 | Complete Calculation of Wake Field Effects | W. Gai |
| 104 | 02/13/89 | Instability of Compensated Beam-Beam Collisions | J. Rosenzweig, P. Chen, B. Autin |
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| 120 | | ***** NOT USED ***** | |
| 121 | 07/18/89 | Experimental Studies of Plasma Wake-Field Acceleration and Focusing | J. Rosenzweig |
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| 123 | 07/25/89 | Corrections of WF-80 and WF-103 | W. Gai, M. Rosing |
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| 129 | 09/25/89 | Numerical Calculation of m=1 Mode Wakefield in a Dielectric Structure as b goes to 1 | W. Gai |
| 130 | 10/13/89 | Demonstration of Electron Beam Self-Focusing in Plasma Wakefields | J. Rosenzweig, B. Cole, W. Gai R. Konecny, J. Norem et al. |
| 131 | 11/01/89 | The Complete Proof of Wei Gai’s Theorem | M. Rosing |
| 132 | 11/29/89 | Electric and Magnetic Fields in the Dielectric Wakefield Device | M. Rosing |
| 133 | 12/14/89 | Dielectric Breakdown in Cerenkov Wakefield Accelerators | J. Norem, E. Chojnacki, C. Ho R. Konecny |
| 134 | 01/03/90 | Estimation of the Longitudinal Space Charge Force Near Photocathode | C. Ho |
| 135 | 01/18/90 | Calculation of Longitudinal Amplitudes for the Dielectric Waveguide (b=1) | M. Rosing |
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| 140 | 02/05/90 | The Cerenkov Lasertron and Other Options; Part 1: Generalities | J. Norem, E. Chojnacki, R. Konecny |
| 141 | 02/05/90 | <i>b</i> Limit of Er and HR Inside Dielectric Loaded Waveguide | M. Rosing |
| 142 | 11/01/90 | Correction and Implements to WF-134 (Estimation of the longitudinal space charge force near photocathodic) | C. Ho |
| 143 | 04/04/90 | Progress Report on AVE (Argonne Wakefield Accelerator) - RF Photo-Cathode Design | C. Ho |
| 144 | 04/23/90 | Passive Momentum Spread Reduction the Wakefield Silencer | M. Rosing, J. Simpson |
| 145 | 05/11/90 | Optimization of Photocavity Parameters for Short Pulse Operation | J. Norem |
| 146 | 04/04/90 | Greens Function Solution to Charge Moving in a Linear Plasma | M. Rosing |
| 147 | 06/13/90 | Modifications to the Simulation Code PAEMELA for the AWA RF Photocathode Design | C. Ho |
| 148 | 07/16/90 | Step-up Transformer Optimization in Wakefield Accelerators | E. Chojnacki, J. Simpson |
| 149 | 07/30/90 | Calculation of Direct Energy Loss Due to the Electron Beam Passing Through a Thin-Lined Dielectric Structure | J. Chie, W. Gai |
| 150 | 08/02/90 | High Frequency Wakes and Super-Conducting Cavities | J. Norem |
| 151 | 08/09/90 | Laser Photocathode Tail Problem Revisited | M. Rosing |
| 152 | 08/17/90 | Heat Polishing and Chemical Etching in the Production of Small Angle Scattering and Optical Surfaces | J. Chin |
| 153 | 08/28/90 | Comparison of PARMELA and TBCI-SF Simulations of the AWA Rf Photocathode Gun | C. Ho, P. Scheosow |
| 154 | 09/28/90 | Beam Lines for the Argonne Wakefield Accelerator | S. Mttingwa (Reserved) |
| 155 | 10/19/90 | Modelling of the Transverse Modes Suppressed in the Dielectric Wakefield Accelerator | W. Gai, C. Ho |
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| 164 | 1/02/92 | Feasibility of a Dielectric Loaded rf Gun Cavity | J. Simpson |
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| 166 | 3/26/92 | High Power Tests of the Gun Cavity | C. Ho, E. Chojnacki R. Konecny, J. Power |
| 167 | 3/30/92 | Comment on the CLIC Note "Beam Leading of RF-Gun by Dark Current" | C. Ho |
| 168 | 7/27/92 | Self Consistent Theory of Charged Particle Motion and Radiation | M. Rosing |
| 169 | 7/27/92 | Computer Modeling of Cherenkov Wakefield Accelerator Structures | P. Schoessow |
| 170 | 9/30/92 | Generic Solutions for Two Region Cylindrical Geometry | M. Rosing |
| 171 | 2/19/93 | Conceptual Outline for Wakefield Diagnostic | M. Rosing |
| 172 | 9/23/93 | Propagation of Short Electron Pulses in Underdense Plasmas | N. Barov, J. Rosenzweig |
| 173 | 12/93 | Parameter Study for a Set-Up Dielectric Wakefield Accelerator Experiment at the AWA | W. Gai |
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| 175 | 11/94 | Experimental Investigations of Wake Waves in the Waveguide with Artificial Anisotropic Dielectric and in the Train of Cavities (Proposal) | E. Laziev |
| 176 | 11/94 | Numerical Simulations of Intense Charged Particle Beam Propagation in a Dielectric Wake Field Accelerator | W. Gai |
| 177 | 07/95 | An Inverse Cherenkov Accelerator Using a Dielectric Channelled Waveguide | W. Gai, J. Simpson |
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| 181 | 07/98 | Resonant Excitation of High Gradient Plasma Wakefield Acceleration by a Train of Micron Sized Pulses | W. Gai |
| 183 | 04/99 | RF Photoinjector Based Two Beam Accelerator Research Plan at Argonne National Laboratory | W. Gai |
| 184 | 06/99 | Summary of June 2 nd Step-Up Transformer Experiment Run | W. Gai |
| 185 | 08/99 | Dispersion Curves of the Dielectric Tube | X. Sun & P. Zou |
| 186 | 09/30/99 | Calculation of PETs Using Dielectrics for CLIC Type TBA Applications | W. Gai |
| 187 | 10/1/99 | Transformer Ratio Enhancement Using a Ramped Bunch Train in a collinear Dielectric Wakefield Accelerator | J. G. Power, W. Gai |
| 188 | 10/20/99 | Q Calculation for Dielectric Loaded SW Cavity in TM-01p Mode | J. Power |
| 189 | 11/02/99 | The Dispersion Relation and Quality Factor of TM _{01m} Mode in Standing Wave Dielectric Structure | X. Sun |
| 190 | 1/06/00 | Construction and Bench Testing of a Prototype of 11.4GHz Externally Powered Dielectric Loaded Traveling-Wave Accelerating Structure | P. Zou, X. Sun, R. Konecny, M. Conde W. Gai, T. Wong |
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| 192 | 1/12/00 | Roadmap to Attain 100 MV/m Gradients and 100 MeV Total Energy Gain in Wakefield Acceleration Using the Current AWA Facility | W. Gai & P. Schoessow |
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| 194 | 3/07/00 | Design of an RF Power Extraction Device for the CLIC Test Facility | W. Gai, P. Schoessow |
| 195 | 1/21/00 | Effect of Temperature and Air in RF Cavities | M. E. Conde |
| 196 | 4/12/00 | The Longitudinal and Transverse Wakefields in a Thin Dielectric Disk Structure | W. Gai, X. Sun, P. Zou |
| 197 | 4/17/00 | Estimate of the Wakefield Generated with the Beam from the New AWA Gun | W. Gai |
| 198 | 6/00 | A Modified Laser Multi-Splitter for Generation of a Ramped Pulse Train | J. G. Power |
| 199 | 6/23/00 | A High Resolution Wakefield Measurement System for the ETF | W. Gai, P. Schoessow |
| 200 | 10/12/00 | 6 MeV X-band On-axis Standing Wave Linear Accelerator | X. Sun |

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| 202 | 1/10/01 | Calculations of Dielectric Loaded Traveling-Wave Periodic Structure Properties & Thomas Wong (IIT) | P. Zou, L. Xiao X. Sun, W. Gai (ANL) |
| 203 | 1/10/01 | The Design of a 13.625 GHz Structure Used for the Transformer Ratio Enhancement Experiments | X. Sun, W. Gai |
| 204 | 3/27/01 | A Novel Approach for Wakefield Measurements at the ETF | J. Simpson |
| 205 | 5/29/02 | Field Pattern on the Window between WR90 Waveguide | W. Liu |
| 206 | 7/29/02 | On the Design of Dielectric taper section for Epislonr=20 | W. Liu |
| 207 | 7/30/02 | On the choosing of the sample points for determine the External Q and Resonant Frequency of wage guide loaded cavities | W. Liu |
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| 210 | 11/02 | EM Design of Coaxial Cable to Circular waveguide TM01 adaptor | W. Liu, W. Gai |
| 211 | 1/03/03 | The Effects of Machine Errors in Dielectric Loaded Accelerating Structure | W. Liu, C. Jing, R. Konecny W. Gai |
| 212 | 1/03 | PARMELA simulations of Electron Beam from the AWA gun with 1 nC charge | H. Wang, W. Gai |
| 213 | 2/5/03 | A Method to Propagate Beams of Unequal Charges through the same Lattice | J. Power |
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| 217 | 5/30/03 | On the relation between image resolution and the estimated σ of a Gaussian like spot | W. Liu and J. Power |
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| 219 | 1/24/04 | Measurements of High Brightness Electro Beam | H. Wang, J. Power, W. Liu, W. Gai, |
| 220 | 7/04 | Basic Accelerator Related rf Bench Test | C. Jing |
| 221 | 8/04 | Beam Energy Compensation of a Bunch Train | H. Wang and W. Liu |

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| 223 | 10/04 | Suppression of Secondary Electrons in a Dielectric Loaded Accelerating Structure | J. Simpson |
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